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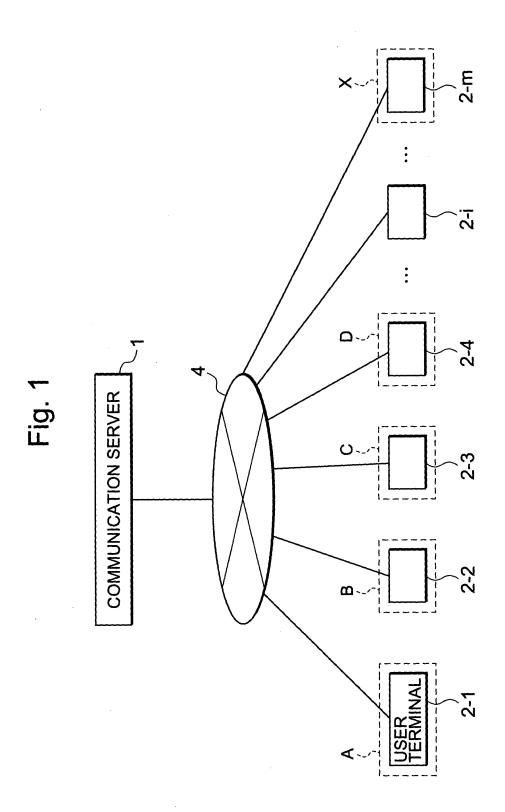


Fig. 2

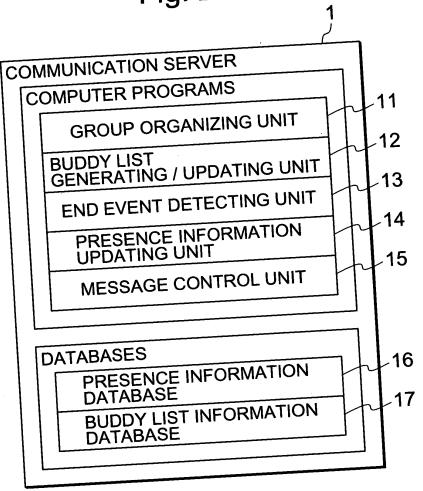
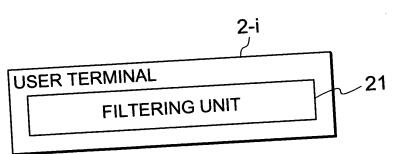
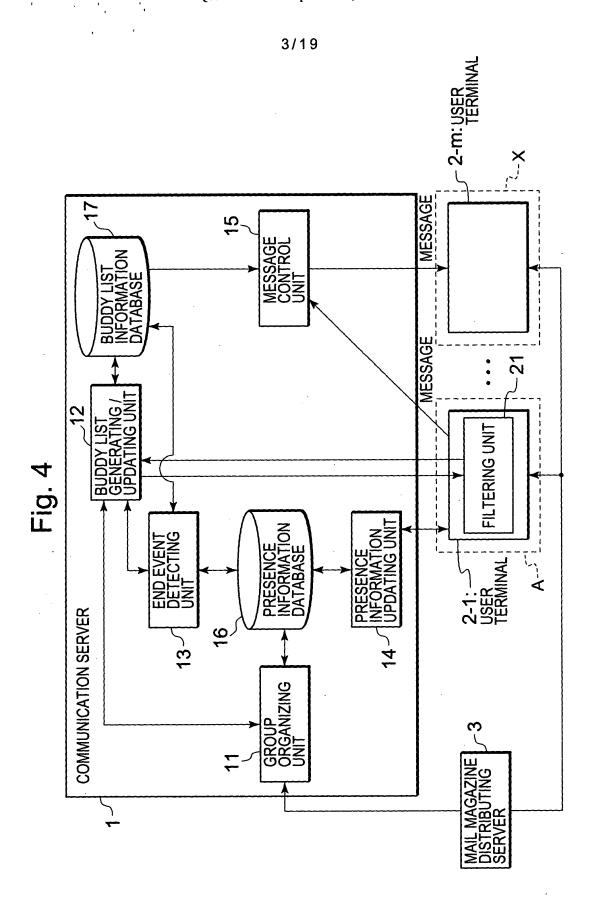


Fig. 3





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| USER | CHAT GROUP | CHAT DURATION NFORMATION | PRESENCE INFORMATION | POSITION |
|------|-----------------|--------------------------|-------------------------|-------------------|
| A | MAIL MAGAZINE X | 1 HOUR | Online | MINATO WARD |
| മ | MAIL MAGAZINE x | 1 HOUR | Online | SHINAGAWA WARD |
| O | MAIL MAGAZINE X | 1 HOUR | Online | YOKOHAMA CITY |
| ۵ | MAIL MAGAZINE x | 1 HOUR | Online | KUNITACHI CITY |
| Э | MAIL MAGAZINE y | 1 HOUR | Offline | BUNKYO WARD |
| ••• | ••• | ••• | ••• | ••• |
| × | MAIL MAGAZINE z | 1 HOUR | Online | ARAKAWA WARD |

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| | | | · | | | |
|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| DELETION EVENT | TIME 11:30 |
| FORMATION TRIGGER | MAIL MAGAZINE x |
| RELATIONAL ATTRIBUTE | Ad hoc |
| 2ND USER | В | ပ | Q | ၁ | Q | Q |
| 1ST USER | A | A | A | æ | മ | O |

Fig. 7

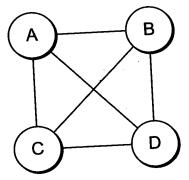








Fig. 8



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Fig. 9

THERE IS NO BUDDY

Fig. 10

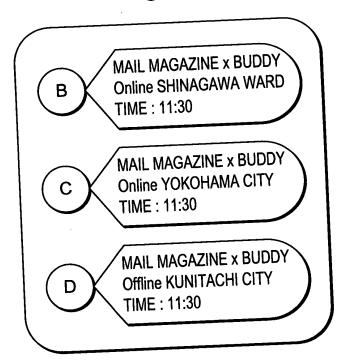
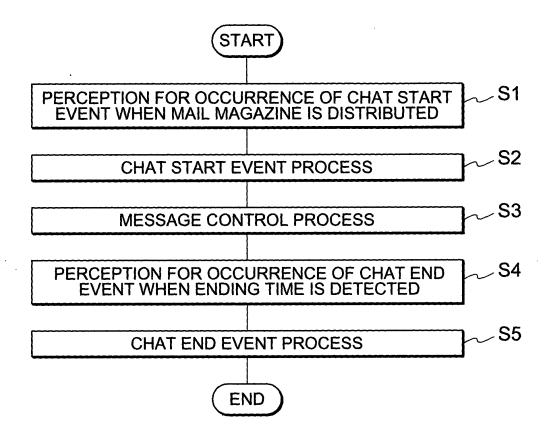
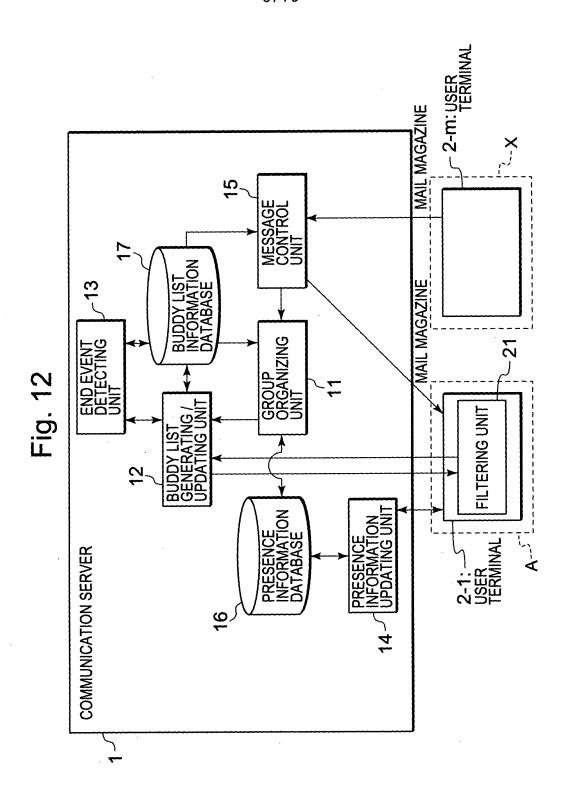


Fig. 11



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| USER | CHAT GROUP | CHAT DURATION PRESENCE INFORMATION | PRESENCE INFORMATION | POSITION |
|-------------|-----------------|--|-------------------------|-------------------|
| × | MAIL MAGAZINE x | (linu) | Online | SAITAMA CITY |
| ∢ | MAIL MAGAZINE x | 1 HOUR | Online | MINATO WARD |
| В | MAIL MAGAZINE x | 1 HOUR | Online | SHINAGAWA WARD |
| U | MAIL MAGAZINE x | 1 HOUR | Online | YOKOHAMA CITY |
| ۵ | MAIL MAGAZINE x | 1 HOUR | Offline | KUNITACHI CITY |
| ш | MAIL MAGAZINE y | 1 HOUR | Offline | BUNKYO WARD |
| ••• | | ••• | ••• | ••• |
| > | MAIL MAGAZINE z | 1 HOUR | Offline | ARAKAWA WARD |

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DELETION EVENT (IIII) (null) (Inul) (IInu) CHAT DURATION 1 HOUR 1 HOUR 1 HOUR 1 HOUR MAIL MAGAZINE x MAIL MAGAZINE x MAIL MAGAZINE x MAIL MAGAZINE x 2ND USER ⋖ Ω S Ω **1ST USER** × \times × \times

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| 17 | _ |

| 2ND USER | SER | FORMATION TRIGGER | CHAT DURATION | DELETION EVENT |
|----------|-------------------|----------------------|---------------|----------------|
| A M | ₹ | MAIL MAGAZINE x | 1 HOUR | (Inall) |
| B | $\mathbf{\Sigma}$ | MAIL MAGAZINE x | 1 HOUR | (Inull) |
| C | ≥ 1 | MAIL MAGAZINE x | 1 HOUR | (null) |
| В | | Ad hoc | (null) | TIME 11:30 |
| O | | Ad hoc | (null) | TIME 11:30 |
| O | | Ad hoc | (null) | TIME 11:30 |

Fig. 16

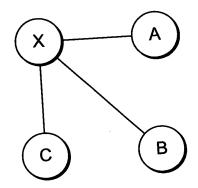


Fig. 17

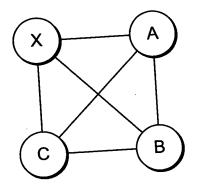
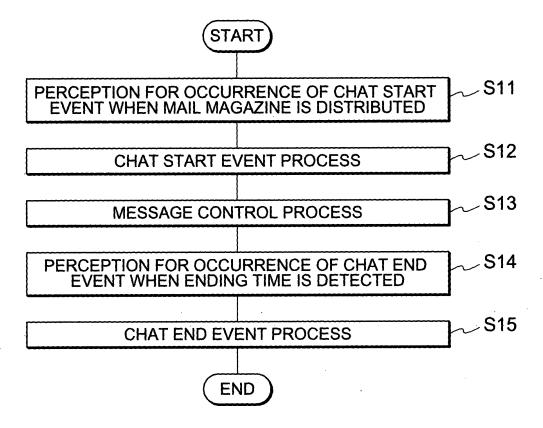
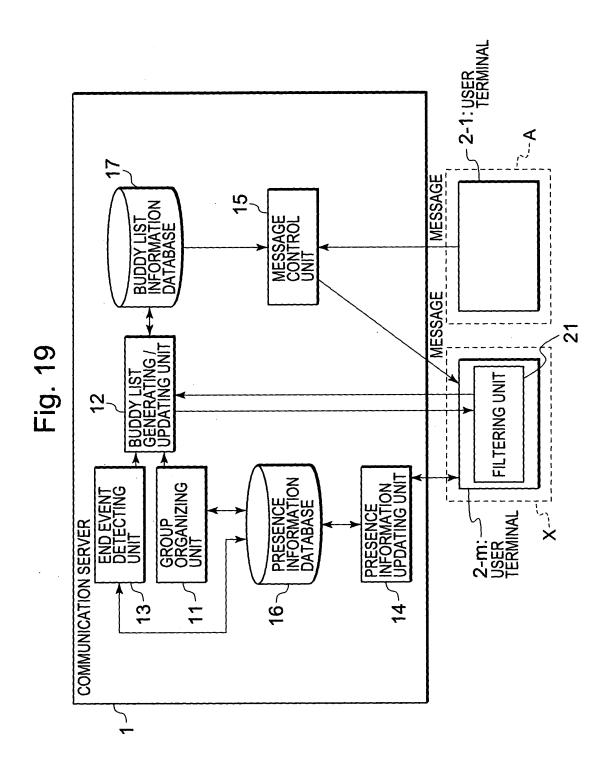


Fig. 18



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| USER | CHAT GROUP | CHAT DURATION | PRESENCE INFORMATION | POSITION |
|------|-----------------|---------------|-------------------------|-------------------|
| × | MAIL MAGAZINE x | (linu) | Offline | SAITAMA CITY |
| A | MAIL MAGAZINE x | 1 HOUR | Online | MINATO WARD |
| Φ. | MAIL MAGAZINE x | 1 HOUR | Online | SHINAGAWA WARD |
| ၁ | MAIL MAGAZINE x | 1 HOUR | Online | YOKOHAMA CITY |
| Q | MAIL MAGAZINE x | 1 HOUR | Offline | KUNITACHI CITY |
| ш | MAIL MAGAZINE y | 1 HOUR | Offline | BUNKYO WARD |
| ••• | ••• | ••• | ••• | ••• |
| Y | MAIL MAGAZINE z | 1 HOUR | Offline | ARAKAWA WARD |

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Fig. 21

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| | | DEL ATIONAL | DELETION EVENT |
|----------|----------|-------------------------|----------------|
| 1ST USER | 2ND USER | RELATIONAL ATTRIBUTE | DELETION EVENT |
| Y | A | PresenceX | (null) |
| | D | PresenceX | (null) |
| X | В | | (null) |
| × | С | PresenceX | ļ |
| X | D | PresenceX | (null) |
| | | | |

Fig. 22

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| | | · | |
|----------|----------|-------------------------|----------------|
| 1ST USER | 2ND USER | RELATIONAL ATTRIBUTE | DELETION EVENT |
| | A | PresenceX | (null) |
| X | В | PresenceX | (null) |
| X | | PresenceX | (null) |
| X | C | Ad hoc | PresenceX Off |
| Α | В | | PresenceX Off |
| Α | С | Ad hoc | PresenceX Off |
| В | C | Ad hoc | FIESCHOOK OII |

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Fig. 23

